

**ON THE STUDY OF MODELS OF SHALLOW WATER WAVE
EQUATIONS WHICH YIELD PEAKONS, PERIODIC
PEAKONS AND COMPACTONS**

**Speaker: Jibin Li
Huaqiao University**

Time: Fri, Sep. 11, 9:30-10:30

Tencent Meeting ID: 773 503 085

Abstract: This talk introduces how to use the theory of dynamical systems and singular traveling wave techniques developed in [Li & Chen, 2007] to understand peakons, periodic peakons, pseudo-peakon and compactons in a lot of models of shallow water wave equations. Five papers have been published by IJBC in 2019 and 2020.